

## **ABSTRACT OF THE DISCLOSURE**

### **LOCKING TURN PIN**

**[0032]** A hand tightened locking pin using a unique internal cam configuration to lock the pin assembly. The pin assembly includes a sleeve and a locking cam unit. The sleeve includes anti-rotation protrusions that match a keyhole in a first metal plate to prevent rotation of the sleeve. The pin assembly is inserted through the keyhole of the first metal plate and a circular hole in a second metal plate that lies on the first metal plate. When the locking cam unit, which is inside the sleeve, is rotated, a lower portion of the sleeve expands, locking the first and metal plates together. The cam is locked in position by concave shaped ends that mate over bulges in the lower portion of the sleeve. A locked/unlocked indicator on top of the pin assembly indicates when the concave shaped ends are mated with the bulges.